Applied Physics B Lasers and Optics

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PHYSICS AND ASTRONOMY CLASSIFICATION SCHEME (PACS)

Shortened version for use in classifying papers for Applied Physics

General

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07.65 Optical spectroscopy and spectrometers
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07.80 Electron and ion microscopes and spectrometers; techniques
07.85 X-ray and gamma-ray instruments and techniques

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P *Laser action in semiconductors*
R *Laser action in solid-state lasers*
T *Free-electron lasers*
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Quantized infrared-optical triple resonance on a single cold barium ion.
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Baba T., Tezuka T., Ito D., Uchiyama T., Fujii H.:
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The dynamic Kingdon trap: A novel design for the storage and crystallization of laser-cooled ions.
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Analytical theory of the collective atomic recoil laser in the FEL limit.
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Unsolved problems in quantum optics (several short notes).
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